IN THE CLAIMS

1.　　(Cancelled)

2.　　(Currently amended)　A method of signal processing in a network, said method comprising the steps of:

transmitting a first signal including a control signal to ~~at least one of a plurality of stations~~ a transmitter station in said network;

controlling ~~a~~ said transmitter station in said network ~~on the basis of~~ in response to said ~~first~~ control signal, said controlling including:

　　　　(1)　　selecting information generally applicable to a plurality of receiver stations for output in mass medium programming;

　　　　(2)　　selecting data relating to said mass medium programming and having a relationship to an area served by said transmitter station;

　　　　　　　incorporating said selected data into one or more control instructions; and

　　　　(3)　　transmitting one or more second signals including said ~~mass medium programming~~ selected information and said one or more control instructions;

controlling a first receiver station in said network on the basis of said transmitted one or more second signals, including:

　　　　(1)　　communicating data included in said one or more ~~second signals~~ control instructions to a processor;

　　　　(2)　　selecting, by processing receiver specific information at said processor, at least some of said data to complete or supplement said mass medium programming;

　　　　(3)　　storing said least some of said data; and

(4) ~~presenting~~ <u>outputting</u> at one or more output devices <u>a presentation</u> <u>including</u> said mass medium programming and first output information content, said first output information content serving to complete or supplement said mass medium programming and being based on said at least some of said data;

controlling said first or a second receiver station on the basis of said transmitted one or more second signals, including:

(1) ~~inputting~~ <u>receiving</u> information of the reaction of a ~~subscriber~~ <u>user</u> to ~~a~~ <u>said</u> presentation ~~of at least one of said mass medium programming and data included in~~ ~~said one or more second signals~~;

(2) generating second output information content by processing said ~~inputted~~ <u>received</u> information of the reaction of a ~~subscriber~~ <u>user</u>; and

(3) outputting said generated second output information content.

3. (Previously presented) The method of claim 2, wherein said step of outputting said second output information content is to a transmitter at said first or said second receiver station, said method further comprising the step of transmitting said generated output information content to a remote receiver station.

4. (Previously presented) The method of claim 2, wherein said step of outputting said second output information content is to a user, said method further having at least one step from the group consisting of:

displaying said generated second output information content at a video monitor;

emitting audio on the basis of said generated second output information content; and

printing said generated second output information content.

5. (Currently amended)   A method of processing signals in a network, comprising the steps of:

~~(1)~~   receiving a first signal including a control signal at a transmitter station;

~~(2)~~   selecting information generally applicable to a plurality of receiver stations for output in mass medium programming in response to ~~said step of receiving said control instruction~~;

~~(3)~~   selecting data relating to said mass medium programming and having a relationship said plurality of receiver stations served by said transmitter station;

incorporating said selected data into one or more control instructions effective to cause one or more receiver stations to:

(a)   store, a first time, said data transmitted from said transmitter station,

(b)   select and store, by processing receiver specific information at a second time, at least some of said data which is effective to complete or supplement said mass medium programming,

(c)   ~~present~~ output at one or more output devices a presentation including said mass medium programming and first output information content, said first information content based on said data stored a second time ~~in order to and output to~~ complete or supplement said mass medium programming,

(d)   ~~input~~ receiver a reaction of a ~~subscriber~~ user to said presentation,

(e)   generate second output information content by processing said ~~inputted~~ received reaction, and

(f)   output said generated second output information content; and

(4)   transmitting one or more second signals including said mass medium programming and said one or more control instructions.

6.   (Currently amended)   A method of processing signals in a network, comprising the steps of:

(1)   receiving a first signal <u>including a control signal</u> at a transmission station;

(2)   generating one or more second signals in response to said ~~first~~ <u>control</u> signal, said second signals including <u>generally applicable</u> mass medium programming and one or more control instructions which are effective at one or more receiver stations to:

(a)   present said <u>generally applicable</u> mass medium programming and first <u>receiver specific</u> output information content which is effective to complete or supplement said <u>generally applicable</u> mass medium programming, and

(b)   output second <u>receiver specific</u> information content based on a ~~subscriber~~ <u>user</u> reaction to a presentation of ~~at least one of~~ said <u>generally applicable</u> mass medium programming and said first <u>receiver specific</u> output information content; and

(3)   transmitting said one or more second signals.

7.   (Cancelled)

8.   (Currently amended)   A method of processing signals in a network, comprising the steps of:

(1)   receiving a first signal;

(2) receiving an instruct signal which is effective to cause a transmission station to incorporate information into one or more second signals based on said first signal, said second signals including ~~generally applicable~~ mass medium programming and one or more control instructions which are effective to:

(i) enable a receiver station to present said mass medium programming and first ~~receiver specific~~ output information content which supplements or completes said mass medium programming, and to

(ii) output second ~~receiver~~ information content based on a ~~subscriber~~ ~~user~~ reaction to said presentation of ~~at least one of~~ said mass medium programming and said first output information content;

(3) receiving a transmitter control signal which operates at said transmitter station to communicate said one or more second signals to a transmitter; and

(4) transmitting said one or more second signals ~~and said transmitter control signal~~.

9. (Currently amended) A method of enabling a television or radio programming storage device to deliver programming, said storage device comprising one or more storage locations capable of storing television or radio programming, a transmission device capable of communicating television or radio programming to or from said one or more storage locations, and a processor capable of controlling at least one of said transmission device and at least one of said one or more storage locations to receive, store, or communicate television or radio programming, comprising the steps of:

receiving a signal including <u>generally applicable</u> television or radio programming, said television or radio programming having an identification datum and a programming element which is incomplete as regards a class of data;

communicating said signal including <u>said generally applicable</u> television or radio programming to at least one of said one or more storage locations;

storing said signal including <u>said generally applicable</u> television or radio programming at said at least one of said one or more storage locations;

storing one of an intermediate generation set and a program instruction set at said television or radio programming storage device, said one of an intermediate generation set and a program instruction set including at least some portion of a control signal which designates at least one of said incomplete programming element and said class of data and which upon command is operative to complete said incomplete programming element,

whereby said television or radio programming storage device is enabled to deliver a complete programming presentation <u>including said generally applicable television or radio programming and user specific content</u> based on user input.

10.   (Previously presented)   The method of claim 9, wherein said class of data designates programming distributor data, said method further comprising the step of:

receiving and storing said programming distributor data.

11.   (Currently amended)   The method of claim 9, wherein said class of data designates ~~subscriber~~ <u>user</u> data, said method further comprising the step of:

receiving and storing said ~~subscriber~~ <u>user</u> data.

12.   (Currently amended) The method of claim 9, wherein said control signal comprises sequentially transmitted control instructions, said method further comprising the step of:

receiving and storing ~~in said control signal~~ at least two control instructions in a specific order with information designating a time period.

13.   (Previously presented)   The method of claim 12, wherein said sequentially transmitted control instructions comprise a message stream, said method further comprising the step of:

receiving and storing instructions which are effective to instruct said processor to process at least one message of said message stream.

14.   (Previously presented)   The method of claim 9, wherein said one of said intermediate generation set and said program instruction set operates to generate said control signal by processing information of said class of data, said method further comprising the step of:

receiving and storing generally applicable information of said control signal.

15.   (Previously presented)   The method of claim 14, wherein said generally applicable information of said control signal comprise at least some of a processor instruction, said method further comprising the step of:

receiving and storing one of assembly language code and a signal word to be assembled.

16.   (Previously presented)   The method of claim 14, wherein said generally applicable information of said control signal comprise higher language code and said one of said intermediate generation set and said program instruction set operates to generate said control

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signal by completing a module including said higher language code, said method further comprising the step of:

receiving and storing instructions which operate to perform at least one of the functions of compiling and linking said one of said module and said higher language code.

17.   (Previously presented)   The method of claim 9, wherein in response to a specific control instruction said processor is organized to generate a user specific datum as part of a series of user specific data, and a processor interrupt signal is inputted to said processor to enable the communication of at least one specific user specific datum to an output device at a specific time, said method further comprising the step of:

receiving and storing at least-some of said specific control instruction and said interrupt signal.

18.   (Previously presented)   The method of claim 17, wherein said interrupt signal is inputted to said processor in response to a first control instruction and said interrupt signal causes said processor to clear a specific memory location and place said generated user specific datum at the specific memory location to form a subsequent output, said method further comprises the step of:

receiving and storing said first control instruction.

19.   (Previously presented)   The method of claim 18, wherein a second control instruction causes said processor to cease communicating at least one receiver specific datum to said output device and to commence generating said series of user specific data,

said method further comprising the step of:

receiving and storing said second control instruction.

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20. (Previously presented) The method of claim 9, wherein a control program causes a controller operatively connected to said storage device to control at least one peripheral device, said method further comprising the step of:

receiving and storing said control program.

21. (Previously presented) The method of claim 9, wherein a user specific datum is placed at a memory location operatively connected to said processor and is not automatically communicated to an output device when placed at said memory location,

said method further comprising the step of:

receiving and storing a control instruction which is effective to instruct the processor to output said memory location to said output device.

22. (Previously presented) The method of claim 9, wherein said storage device comprises a memory and wherein said television or radio programming and said one of said intermediate generation set and said program instruction set are stored on said memory.

23. (Previously presented) The method of claim 9, wherein said storage device comprises a network.

24. (Previously presented) The method of claim 23, wherein said user input is communicated to a transmission station in said network.

25. (Previously presented) The method of claim 23, wherein said user input is received at an ultimate receiver station in said network.

26. (Previously presented) The method of claim 9, wherein said storage device comprises a transmitter station.

27. (Previously presented) The method of claim 26, wherein said user input includes a schedule, said method further comprising the step of storing said schedule.

28.   (Previously presented)   The method of claim 26, further comprising the step of detecting said user input in one of a television signal and a radio signal.

29.   (Previously presented)   The method of claim 26, further comprising the step of detecting said user input in a signal received from a satellite.

30.   (Previously presented)   The method of claim 26, further comprising the step of detecting said user input in a telephone signal.

31.   (Previously presented)   The method of claim 9, wherein said step of receiving comprises tuning.

32.   (Previously presented)   The method of claim 9, wherein said step of communicating is performed by one of a computer and a switch.

33-199. (Cancelled)

200.   (Previously presented)   A method of signal processing in a network, said method comprising the steps of:

selecting, at a transmitter station, mass medium programming to be completed;

selecting, at said transmitter station, first data, said first data to serve as a basis for completing said mass medium programming to be completed;

communicating said selected first data to said transmitter station in at least one control signal, said at least one control signal effective in said network to output (i) said mass medium programming to be completed and (ii) information that completes said mass medium programming to be completed, said output based on a subscriber reaction to said mass medium programming to be completed; and

transmitting said selected mass medium programming to be completed, said first data, and said at least one control signal.

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201. (Previously presented)   The method of claim 200, wherein said mass medium

programming to be completed and said information are outputted at at least one receiver

station in said network, said method further comprising the step of transmitting at least

one of a video program, audio program, print program, and television program to serve as

part of said mass medium programming to be completed.

202. (Previously presented)   The method of claim 200, further comprising the

steps of:

generating, at said transmitter station, second data; and

communicating, at said transmitter station, said generated second data in said at least one

control signal.

203. (Previously presented)   The method of claim 202, further comprising the

steps of:

placing, at said transmitter station, said generated second data into higher language code;

and

generating machine language code based on said higher language code and said generated

second data.

204. (Previously presented)   The method of claim 200, further comprising the

steps of:

placing, at said transmitter station, said selected first data into higher language code; and

generating machine language code based on said higher language code and said placed

first data.

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205.   (Previously presented)   The method of claim 200, further comprising the steps of:

selecting at least a segment of one of a television program, radio program, print program, and combined medium program; and

controlling a selective transfer device to communicate said selected at least a segment of one of a television program, radio program, print program, and combined medium program to at least one of a processor and an output device.

206-209 (Cancelled)

210.   (Previously presented)   A method of signal processing to deliver complete mass medium programming in a network having a plurality of receiver stations, said method comprising the steps of:

receiving, at at least one of said plurality of receiver stations, at least one signal transmitted from a remote one of a broadcast transmitter station and a cablecast transmitter station, said at least one of said plurality of receiver stations having a processor that is able to control the selection of mass medium programming to be completed;

selecting, under control of said processor of said at least one of said plurality of receiver stations, mass medium programming to be completed based on information included in said at least one signal;

storing at least some of said selected mass medium programming to be completed;

outputting said selected mass medium programming to be completed at said at least one of said plurality of receiver stations;

processing a subscriber reaction to said selected mass medium programming to be completed at said at least one of said plurality of receiver stations; and

outputting said complete mass medium programming at said at least one of said plurality of receiver stations on the basis of said stored at least some of said selected mass medium programming to be completed.

211.   (Previously presented)   The method of claim 210, wherein said received at least one signal is one of a television signal and a radio signal, said method further comprising the step of detecting at least one control instruction in said received at least one signal.

212.   (Previously presented)   The method of claim 210, wherein said received at least one signal is one of a multichannel broadcast signal and a multichannel cablecast signal, said method further comprising the steps of:

selecting at least a portion of said multichannel signal in which to detect at least one control instruction; and

transferring said selected at least a portion of said multichannel signal to at least one of a control signal detector and a digital detector.

213-249.   (Cancelled)